

PATENT APPLICATION FEE DETERMINATION RECORD
Effective December 8, 2004

10/27/04

CLAIMS AS FILED - PART I

| | | (Column 1) | (Column 2) |
|----------------------------------|--------------|--------------|--------------------------|
| TOTAL CLAIMS | | | |
| FOR | NUMBER FILED | NUMBER EXTRA | |
| TOTAL CHARGEABLE CLAIMS | minus 20 = | | |
| INDEPENDENT CLAIMS | minus 3 = | | |
| MULTIPLE DEPENDENT CLAIM PRESENT | | | <input type="checkbox"/> |

* If the difference in column 1 is less than zero, enter "0" in column 2

CLAIMS AS AMENDED - PART II

| AMENDMENT A | | | (Column 1) | (Column 2) | (Column 3) |
|--|---|-------|------------|---|--------------------------|
| | CLAIMS REMAINING AFTER AMENDMENT | | | HIGHEST NUMBER PREVIOUSLY PAID FOR | PRESENT EXTRA |
| Total | 14 | Minus | *** 20 | = | |
| Independent | 3 | Minus | *** 3 | = | |
| FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM | | | | | <input type="checkbox"/> |

| SMALL ENTITY TYPE | | | OTHER THAN OR SMALL ENTITY |
|----------------------|--------|------|-------------------------------|
| | RATE | FEES | |
| BASIC FEE | 150.00 | | OR BASIC FEE 300.00 |
| X\$ 25 = | | | OR X\$50 = |
| X100 = | | | OR X200 = |
| +180 = | | | OR +360 = |
| TOTAL | | | OR TOTAL |

| AMENDMENT B | | | (Column 1) | (Column 2) | (Column 3) |
|--|---|-------|------------|---|--------------------------|
| | CLAIMS REMAINING AFTER AMENDMENT | | | HIGHEST NUMBER PREVIOUSLY PAID FOR | PRESENT EXTRA |
| Total | 14 | Minus | *** 20 | = | |
| Independent | 3 | Minus | *** 3 | = | |
| FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM | | | | | <input type="checkbox"/> |

| SMALL ENTITY | | | OTHER THAN OR SMALL ENTITY |
|------------------|------|------------------------|-------------------------------|
| | RATE | ADDI- TIONAL FEE | |
| X\$ 25 = | | | OR X\$50 = |
| X100 = | | | OR X200 = |
| +180 = | | | OR +360 = |
| TOTAL ADDIT. FEE | | | OR TOTAL ADDIT. FEE |

| AMENDMENT C | | | ADDITIONAL FEE | ADDITIONAL FEE |
|------------------|------|-------------------|---------------------|-------------------|
| | RATE | ADDITIONAL FEE | | |
| X\$ 25 = | | | OR X\$50 = | |
| X100 = | | | OR X200 = | |
| +180 = | | | OR +360 = | |
| TOTAL ADDIT. FEE | | | OR TOTAL ADDIT. FEE | |

| AMENDMENT C | | | (Column 1) | (Column 2) | (Column 3) |
|--|---|-------|------------|---|--------------------------|
| | CLAIMS REMAINING AFTER AMENDMENT | | | HIGHEST NUMBER PREVIOUSLY PAID FOR | PRESENT EXTRA |
| Total | 4 | Minus | *** 4 | = | |
| Independent | 4 | Minus | *** 4 | = | |
| FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM | | | | | <input type="checkbox"/> |

| AMENDMENT C | | | ADDITIONAL FEE | ADDITIONAL FEE |
|-------------|------|-------------------|-------------------|-------------------|
| | RATE | ADDITIONAL FEE | | |
| X\$ 25 = | | | OR X\$50 = | |
| X100 = | | | OR X200 = | |
| +180 = | | | OR +360 = | |